

WEST Search History for Application 10541182

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Query	DB	Op.	Plur.	Thes.	Date
Silk worm or Bombyx mori	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
(silk near5 (fiber or fabric or fibroin)) near5 Scaffold	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
9tissue engineering0 or 9engineered tissue0 or (cell growth)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
(Silk worm or Bombyx mori) and ((silk near5 (fiber or fabric or fibroin)) near5 Scaffold)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
((silk near5 (fiber or fabric or fibroin)) near5 Scaffold) and (9tissue engineering0 or 9engineered tissue0 or (cell growth))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
(Tissue engineering) or (engineered tissue) or (cell growth)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
(Silk worm or Bombyx mori) and ((Tissue engineering) or (engineered tissue) or (cell growth))	PGPB, USPT, USOC, EPAB,	ADJ			07-03-2009

	JPAB, DWPI				
((silk near5 (fiber or fabric or fibroin)) near5 Scaffold) and ((Tissue engineering) or (engineered tissue) or (cell growth))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
(Silk worm or Bombyx mori and (silk near5 (fiber or fabric or fibroin)) near5 Scaffold) and (Silk worm or Bombyx mori and (Tissue engineering) or (engineered tissue) or (cell growth))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
(Silk worm or Bombyx mori and (silk near5 (fiber or fabric or fibroin)) near5 Scaffold and (silk near5 (fiber or fabric or fibroin)) near5 Scaffold and (Tissue engineering) or (engineered tissue) or (cell growth)) and (Silk worm or Bombyx mori and (silk near5 (fiber or fabric or fibroin)) near5 Scaffold and Silk worm or Bombyx mori and (Tissue engineering) or (engineered tissue) or (cell growth))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
silk fibroin near5 scaffold	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
2002127265.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
2002120348.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
(cultured near5 (animal or human)) near5 cells	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009

((silk near5 (fiber or fabric or fibroin)) near5 Scaffold) and ((cultured near5 (animal or human)) near5 cells)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
(silk fibroin near5 scaffold) and ((cultured near5 (animal or human)) near5 cells)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
silk fiber or silk worm fiber	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
matrix near5 (cultured near5 epithelial cells)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
scaffold near5 (cultured near5 epithelial cells)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-03-2009
(silk fibroin) same cytokine	PGPB, USPT	ADJ			07-03-2009
porous same (silk fibroin)	PGPB, USPT	ADJ			07-03-2009
compressive modulus	PGPB, USPT	ADJ			07-03-2009
(porous same (silk fibroin)) same (compressive modulus)	PGPB, USPT	ADJ			07-03-2009
((silk fibroin) same cytokine) same (porous same (silk fibroin) same compressive modulus)	PGPB, USPT	ADJ			07-03-2009
((silk fibroin) same cytokine) same (compressive modulus)	PGPB, USPT	ADJ			07-03-2009
		ADJ			07-03-2009

((silk fibroin) same cytokine) same (porous\$6 same (silk fibroin))	PGPB, USPT				
(compressive modulus) same (porous\$6 same (silk fibroin))	PGPB, USPT	ADJ			07-03-2009
((silk fibroin) same cytokine same porous\$6 same (silk fibroin)) same (compressive modulus same porous\$6 same (silk fibroin))	PGPB, USPT	ADJ			07-03-2009
bioactiv\$9	PGPB, USPT	ADJ			07-03-2009
(porous\$6 same (silk fibroin)) same (bioactiv\$9)	PGPB, USPT	ADJ			07-03-2009
(compressive modulus) and ((silk fibroin) same cytokine)	PGPB, USPT	ADJ			07-03-2009
(porous\$6 same (silk fibroin) same compressive modulus) and ((silk fibroin) same cytokine)	PGPB, USPT	ADJ			07-03-2009
((silk fibroin) same cytokine same porous\$6 same (silk fibroin)) and (compressive modulus same porous\$6 same (silk fibroin))	PGPB, USPT	ADJ			07-03-2009
(silk near5 (fiber or fabric or fibroin)) near5 Scaffold	PGPB, USPT	ADJ			07-03-2009
(Tissue engineering) or (engineered tissue) or (cell growth)	PGPB, USPT	ADJ			07-03-2009
20040005363.pn.	PGPB, USPT	ADJ	YES		07-03-2009
20040224406	PGPB, USPT	ADJ	YES		07-03-2009
6110590.pn.	PGPB, USPT	ADJ	YES		07-03-2009
5252285.pn.	PGPB, USPT	ADJ	YES		07-03-2009
5116L40	PGPB, USPT	ADJ	YES		07-03-2009
5171505.pn.	PGPB, USPT	ADJ	YES		07-03-2009
scaffold same (silk fibroin)	PGPB, USPT	ADJ	YES		07-03-2009
(5171505.pn.) and (scaffold same (silk fibroin))	PGPB, USPT	ADJ	YES		07-03-2009

cytokine same (silk fibroin)	PGPB, USPT	ADJ	YES		07-03-2009
(cytokine same (silk fibroin))	PGPB, USPT	ADJ	YES		07-03-2009
(cytokine same (silk fibroin))	PGPB, USPT	ADJ	YES		07-03-2009
(growth factor) or cytokine or ("EGF") or ("epidermal growth factor")	PGPB, USPT	ADJ	YES		07-03-2009
bioactiv\$ or (biological active)	PGPB, USPT	ADJ	YES		07-03-2009
(silk fibroin near5 scaffold and (cultured near5 (animal or human)) near5 cells) and (cytokine same (silk fibroin))	PGPB, USPT	ADJ	YES		07-03-2009
(scaffold same (silk fibroin)) and (cytokine same (silk fibroin))	PGPB, USPT	ADJ	YES		07-03-2009
((growth factor) or cytokine or ("EGF") or ("epidermal growth factor")) and (scaffold same (silk fibroin) and cytokine same (silk fibroin))	PGPB, USPT	ADJ	YES		07-03-2009
(bioactiv\$ or (biological active)) and ((growth factor) or cytokine or ("EGF") or ("epidermal growth factor") and scaffold same (silk fibroin) and cytokine same (silk fibroin))	PGPB, USPT	ADJ	YES		07-03-2009
bioactiv\$ or (biological active)	PGPB, USPT	ADJ	YES		07-03-2009
((growth factor) or cytokine or ("EGF") or ("epidermal growth factor") and scaffold same (silk fibroin) and cytokine same (silk fibroin)) and (bioactiv\$ or (biological active))	PGPB, USPT	ADJ	YES		07-03-2009
compress\$8 modulus	PGPB, USPT	ADJ	YES		07-03-2009
(scaffold same (silk fibroin)) and (compress\$8 modulus)	PGPB, USPT	ADJ	YES		07-03-2009
((growth factor) or cytokine or ("EGF") or ("epidermal growth factor") and scaffold same (silk fibroin) and cytokine same (silk fibroin) and bioactiv\$ or (biological active)) and (scaffold same (silk fibroin) and compress\$8 modulus)	PGPB, USPT	ADJ	YES		07-03-2009
(scaffold same (silk fibroin)) and (20040005363.pn.)	PGPB, USPT	ADJ	YES		07-03-2009
(scaffold same (silk fibroin)) and (20040224406)	PGPB, USPT	ADJ	YES		07-03-2009

(scaffold same (silk fibroin)) and (6110590.pn.)	PGPB, USPT	ADJ	YES		07-03-2009
(scaffold same (silk fibroin)) and (5252285.pn.)	PGPB, USPT	ADJ	YES		07-03-2009
(scaffold same (silk fibroin)) and (5171505.pn.)	PGPB, USPT	ADJ	YES		07-03-2009
silk same (FIBROIN OR PROTEIN)	PGPB, USPT	ADJ	YES		07-03-2009
(compress\$8 modulus) SAME (silk same (FIBROIN OR PROTEIN))	PGPB, USPT	ADJ	YES		07-03-2009
(20040005363.pn.) AND (compress\$8 modulus SAME silk same (FIBROIN OR PROTEIN))	PGPB, USPT	ADJ	YES		07-03-2009
(20040005363.pn.) AND (silk same (FIBROIN OR PROTEIN))	PGPB, USPT	ADJ	YES		07-03-2009
(20040224406) AND (silk same (FIBROIN OR PROTEIN))	PGPB, USPT	ADJ	YES		07-03-2009
(6110590.pn.) AND (silk same (FIBROIN OR PROTEIN))	PGPB, USPT	ADJ	YES		07-03-2009
(5252285.pn.) AND (silk same (FIBROIN OR PROTEIN))	PGPB, USPT	ADJ	YES		07-03-2009
(5171505.pn.) AND (silk same (FIBROIN OR PROTEIN))	PGPB, USPT	ADJ	YES		07-03-2009
((POROUS OR POR\$7) AND (silk fibroin)) AND (cytokine OR ((gROWTH FACTOR) AND EPIDERMAL OR BIOLOGICAL))	USOC, EPAB, JPAB, DWPI	ADJ	YES		07-03-2009
compress\$8 modulus	USOC, EPAB, JPAB, DWPI	ADJ	YES		07-03-2009
silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE)	USOC, EPAB, JPAB, DWPI	ADJ	YES		07-03-2009
(compress\$8 modulus) ANAD (silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE))	USOC, EPAB, JPAB, DWPI	ADJ	YES		07-03-2009
(compress\$8 modulus) AND (silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE))	USOC, EPAB,	ADJ	YES		07-03-2009

	JPAB, DWPI				
((((POROUS OR POR\$7) AND (silk fibroin)) AND (cytokine OR ((gROWTH FACTOR) AND EPIDERMAL OR BIOLOGICAL))) AND (compress\$8 modulus AND silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE))	USOC, EPAB, JPAB, DWPI	ADJ	YES		07-03-2009
WO-0154667-\$.DID.	EPAB, DWPI	ADJ	YES		07-03-2009
WO-0180921-\$.DID.	EPAB, DWPI	ADJ	YES		07-03-2009
(compress\$8 modulus) AND (silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE))	EPAB, DWPI	ADJ	YES		07-03-2009
(WO-0154667-\$.DID.) AND (compress\$8 modulus AND silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE))	EPAB, DWPI	ADJ	YES		07-03-2009
(WO-0180921-\$.DID.) AND (compress\$8 modulus AND silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE))	EPAB, DWPI	ADJ	YES		07-03-2009
(WO-0180921-\$.DID.) AND (silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE))	EPAB, DWPI	ADJ	YES		07-03-2009
((((POROUS OR POR\$7) AND (silk fibroin)) AND (cytokine OR ((gROWTH FACTOR) AND EPIDERMAL OR BIOLOGICAL))	EPAB, DWPI	ADJ	YES		07-03-2009
compress\$8 modulus	EPAB, DWPI	ADJ	YES		07-03-2009
silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE)	EPAB, DWPI	ADJ	YES		07-03-2009
(silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE)) AND (compress\$8 modulus)	EPAB, DWPI	ADJ	YES		07-03-2009
((((POROUS OR POR\$7) AND (silk fibroin)) AND (cytokine OR ((gROWTH FACTOR) AND EPIDERMAL OR BIOLOGICAL))) AND (silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE) AND compress\$8 modulus)	EPAB, DWPI	ADJ	YES		07-03-2009
(WO-0154667-\$.DID.) AND (((POROUS OR POR\$7) AND (silk fibroin)) AND (cytokine OR ((gROWTH FACTOR) AND EPIDERMAL OR BIOLOGICAL)))	EPAB, DWPI	ADJ	YES		07-03-2009
(WO-0154667-\$.DID.) AND (compress\$8 modulus)	EPAB, DWPI	ADJ	YES		07-03-2009

(WO-0154667-\$.DID.) AND (silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE))	EPAB, DWPI	ADJ	YES		07-03-2009
(WO-0180921-\$.DID.) AND (silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE))	EPAB, DWPI	ADJ	YES		07-03-2009
(WO-0180921-\$.DID.) AND (compress\$8 modulus)	EPAB, DWPI	ADJ	YES		07-03-2009
(WO-0180921-\$.DID.) AND (((POROUS OR POR\$7) AND (silk fibroin)) AND (cytokine OR ((gROWTH FACTOR) AND EPIDERMAL. OR BIOLOGICAL.)))	EPAB, DWPI	ADJ	YES		07-03-2009
silk and fibroin	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
growth factor	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
cytokine and (growth factor)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
compound and (biologic\$8 activ\$6)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
\$7peptide	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
integrin\$9	PGPB, USPT, USOC, EPAB, JPAB,	ADJ	YES		07-04-2009

	DWPI				
(compound and (biologic\$8 activ\$6)) and (integrin\$9)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(\$7peptide) and (compound and (biologic\$8 activ\$6) and integrin\$9)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(growth factor) and (\$7peptide and compound and (biologic\$8 activ\$6) and integrin\$9)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(cytokine and growth factor) and (growth factor and \$7peptide and compound and (biologic\$8 activ\$6) and integrin\$9)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(silk and fibroin) and (cytokine and growth factor and growth factor and \$7peptide and compound and (biologic\$8 activ\$6) and integrin\$9)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(pore diameter) and ("10")	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(pore diameter) and ("100")	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(pore diameter) and ("1000")	PGPB, USPT,	ADJ	YES		07-04-2009

	USOC, EPAB, JPAB, DWPI				
(compress\$7 modulus) and ("100")	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(compress\$7 modulus) and ("250")	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(compress\$7 modulus) and ("200")	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(compress\$7 modulus) and ("150")	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(pore diameter) and ("50")	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(pore diameter) and ("500")	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
porous material	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009

(silk and fibroin) and (porous material)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
((pore diameter) and ("10")) and (silk and fibroin and porous material)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(silk and fibroin and cytokine and growth factor and growth factor and \$7peptide and compound and (biologic\$8 activ\$6) and integrin\$9) and ((pore diameter) and ("10") and silk and fibroin and porous material)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(silk and fibroin and cytokine and growth factor and growth factor and \$7peptide and compound and (biologic\$8 activ\$6) and integrin\$9) and (silk and fibroin and porous material)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(growth factor) and (silk and fibroin and porous material)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(compound and (biologic\$8 activ\$6)) and (growth factor and silk and fibroin and porous material)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(\$7peptide) and (compound and (biologic\$8 activ\$6) and growth factor and silk and fibroin and porous material)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(integrin\$9) and (\$7peptide and compound and (biologic\$8 activ\$6) and growth factor and silk and fibroin and porous material)	PGPB, USPT, USOC, EPAB,	ADJ	YES		07-04-2009

	JPAB, DWPI				
(integrin\$9) and (silk and fibroin and porous material)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(pore diameter)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(compress\$7 modulus)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(silk and fibroin and porous material) and ((compress\$7 modulus))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(silk and fibroin and porous material) and ((pore diameter))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(integrin\$9 and silk and fibroin and porous material) and (silk and fibroin and porous material and (pore diameter))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(silk and fibroin and porous material and (compress\$7 modulus)) and (silk and fibroin and porous material and (pore diameter))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
		ADJ	YES		07-04-2009

((growth factor) and (silk and fibroin and porous material)	PGPB, USPT, USOC, EPAB, JPAB, DWPI				
((pore diameter)) and (growth factor and silk and fibroin and porous material)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
((compress\$7 modulus)) and ((pore diameter) and growth factor and silk and fibroin and porous material)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
5736188.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(5736188.pn.) and chitosan	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(growth factor) and (5736188.pn. and chitosan)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(cytokine and growth factor) and (5736188.pn. and chitosan)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(compound and (biologic\$8 activ\$6)) and (5736188.pn. and chitosan)	PGPB, USPT, USOC, EPAB,	ADJ	YES		07-04-2009

	JPAB, DWPI				
(compound and (biologic\$8 activ\$6)) and (5736188.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(cytokine and growth factor) and (5736188.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(compound and (biologic\$8 activ\$6)) and (5736188.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(\$7peptide) and (5736188.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(integrin\$9) and (5736188.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(5736188.pn. and chitosan) and (\$7peptide and 5736188.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(5736188.pn.) and (silk and fibroin)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
		ADJ	YES		07-04-2009

(silk and fibroin and porous material and (pore diameter)) and (5736188.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI				
(5736188.pn. and silk and fibroin) and (silk and fibroin and porous material and (pore diameter) and 5736188.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(\$7peptide and 5736188.pn.) and (5736188.pn. and silk and fibroin and silk and fibroin and porous material and (pore diameter) and 5736188.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(5736188.pn. and chitosan) and (\$7peptide and 5736188.pn. and 5736188.pn. and silk and fibroin and silk and fibroin and porous material and (pore diameter) and 5736188.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(5736188.pn. and chitosan and \$7peptide and 5736188.pn. and 5736188.pn. and silk and fibroin and silk and fibroin and porous material and (pore diameter) and 5736188.pn.) and ((growth factor) or (compound and (biologic\$8 activ\$6)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(5736188.pn. and chitosan and \$7peptide and 5736188.pn. and 5736188.pn. and silk and fibroin and silk and fibroin and porous material and (pore diameter) and 5736188.pn.) and ((growth factor))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(5736188.pn. and chitosan and \$7peptide and 5736188.pn. and 5736188.pn. and silk and fibroin and silk and fibroin and porous material and (pore diameter) and 5736188.pn.) and ((compound and (biologic\$8 activ\$6)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
reagent	PGPB, USPT, USOC, EPAB,	ADJ	YES		07-04-2009

	JPAB, DWPI				
(Cell or tissue) and growth	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(silk and fibroin and porous material and (pore diameter)) and ((Cell or tissue) and growth)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(reagent) and (silk and fibroin and porous material and (pore diameter))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(5736188.pn. and chitosan and \$7peptide and 5736188.pn. and 5736188.pn. and silk and fibroin and silk and fibroin and porous material and (pore diameter) and 5736188.pn.) and (reagent and silk and fibroin and porous material and (pore diameter))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(5736188.pn. and chitosan and \$7peptide and 5736188.pn. and 5736188.pn. and silk and fibroin and silk and fibroin and porous material and (pore diameter) and 5736188.pn.) and (silk and fibroin and porous material and (pore diameter) and (Cell or tissue) and growth)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(5736188.pn. and chitosan and \$7peptide and 5736188.pn. and 5736188.pn. and silk and fibroin and silk and fibroin and porous material and (pore diameter) and 5736188.pn.) and (compound and (biologic\$8 activ\$6))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
(5736188.pn. and chitosan and \$7peptide and 5736188.pn. and 5736188.pn. and silk and fibroin and silk and fibroin and porous material and (pore diameter) and 5736188.pn.) and ((Cell or tissue) and growth)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		07-04-2009
Silk worm or Bombyx mori		ADJ			07-04-2009

	PGPB, USPT, USOC, EPAB, JPAB, DWPI				
(silk near5 (fiber or fabric or fibroin)) near5 Scaffold	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
9tissue engineering0 or 9engineered tissue0 or (cell growth)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
(Silk worm or Bombyx mori) and ((silk near5 (fiber or fabric or fibroin)) near5 Scaffold)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
((silk near5 (fiber or fabric or fibroin)) near5 Scaffold) and (9tissue engineering0 or 9engineered tissue0 or (cell growth))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
(Tissue engineering) or (engineered tissue) or (cell growth)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
(Silk worm or Bombyx mori) and ((Tissue engineering) or (engineered tissue) or (cell growth))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
((silk near5 (fiber or fabric or fibroin)) near5 Scaffold) and ((Tissue engineering) or (engineered tissue) or (cell growth))	PGPB, USPT, USOC, EPAB,	ADJ			07-04-2009

	JPAB, DWPI				
(Silk worm or Bombyx mori and (silk near5 (fiber or fabric or fibroin)) near5 Scaffold) and ((silk near5 (fiber or fabric or fibroin)) near5 Scaffold and (Tissue engineering) or (engineered tissue) or (cell growth))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
(Silk worm or Bombyx mori and (silk near5 (fiber or fabric or fibroin)) near5 Scaffold) and (Silk worm or Bombyx mori and (Tissue engineering) or (engineered tissue) or (cell growth))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
(Silk worm or Bombyx mori and (silk near5 (fiber or fabric or fibroin)) near5 Scaffold and (silk near5 (fiber or fabric or fibroin)) near5 Scaffold and (Tissue engineering) or (engineered tissue) or (cell growth)) and (Silk worm or Bombyx mori and (silk near5 (fiber or fabric or fibroin)) near5 Scaffold and Silk worm or Bombyx mori and (Tissue engineering) or (engineered tissue) or (cell growth))	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
silk fibroin near5 scaffold	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
2002127265.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
2002120348.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
(cultured near5 (animal or human)) near5 cells	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009

((silk near5 (fiber or fabric or fibroin)) near5 Scaffold) and ((cultured near5 (animal or human)) near5 cells)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
(silk fibroin near5 scaffold) and ((cultured near5 (animal or human)) near5 cells)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
silk fiber or silk worm fiber	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
matrix near5 (cultured near5 epithelial cells)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
scaffold near5 (cultured near5 epithelial cells)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
(silk fibroin) same cytokine	PGPB, USPT	ADJ			07-04-2009
porous6 same (silk fibroin)	PGPB, USPT	ADJ			07-04-2009
compressive modulus	PGPB, USPT	ADJ			07-04-2009
(porous6 same (silk fibroin)) same (compressive modulus)	PGPB, USPT	ADJ			07-04-2009
((silk fibroin) same cytokine) same (porous6 same (silk fibroin))	PGPB, USPT	ADJ			07-04-2009
(compressive modulus) same (porous6 same (silk fibroin))	PGPB, USPT	ADJ			07-04-2009
bioactive9		ADJ			07-04-2009

	PGPB, USPT				
(porous\$6 same (silk fibroin)) same (bioactiv\$9)	PGPB, USPT	ADJ			07-04-2009
(compressive modulus) and ((silk fibroin) same cytokine)	PGPB, USPT	ADJ			07-04-2009
(porous\$6 same (silk fibroin) same compressive modulus) and ((silk fibroin) same cytokine)	PGPB, USPT	ADJ			07-04-2009
((silk fibroin) same cytokine same porous\$6 same (silk fibroin)) and (compressive modulus same porous\$6 same (silk fibroin))	PGPB, USPT	ADJ			07-04-2009
(silk near5 (fiber or fabric or fibroin)) near5 Scaffold	PGPB, USPT	ADJ			07-04-2009
(Tissue engineering) or (engineered tissue) or (cell growth)	PGPB, USPT	ADJ			07-04-2009
20040005363.pn.	PGPB, USPT	ADJ			07-04-2009
20040224406	PGPB, USPT	ADJ			07-04-2009
6110590.pn.	PGPB, USPT	ADJ			07-04-2009
5252285.pn.	PGPB, USPT	ADJ			07-04-2009
5171505.pn.	PGPB, USPT	ADJ			07-04-2009
scaffold same (silk fibroin)	PGPB, USPT	ADJ			07-04-2009
cytokine same (silk fibroin)	PGPB, USPT	ADJ			07-04-2009
(growth facror) or cytokine or ("EGF") or ("epidermal growth factor")	PGPB, USPT	ADJ			07-04-2009
(silk fibroin near5 scaffold and (cultured near5 (animal or human)) near5 cells) and (cytokine same (silk fibroin))	PGPB, USPT	ADJ			07-04-2009
(scaffold same (silk fibroin)) and (cytokine same (silk fibroin))	PGPB, USPT	ADJ			07-04-2009
((growth facror) or cytokine or ("EGF") or ("epidermal growth factor")) and (scaffold same (silk fibroin) and cytokine same (silk fibroin))	PGPB, USPT	ADJ			07-04-2009

bioactiv\$ or (biological active)	PGPB, USPT	ADJ			07-04-2009
((growth factor) or cytokine or ("EGF") or ("epidermal growth factor") and scaffold same (silk fibroin) and cytokine same (silk fibroin)) and (bioactiv\$ or (biological active))	PGPB, USPT	ADJ			07-04-2009
compress\$8 modulus	PGPB, USPT	ADJ			07-04-2009
(scaffold same (silk fibroin)) and (compress\$8 modulus)	PGPB, USPT	ADJ			07-04-2009
((growth factor) or cytokine or ("EGF") or ("epidermal growth factor") and scaffold same (silk fibroin) and cytokine same (silk fibroin) and bioactiv\$ or (biological active)) and (scaffold same (silk fibroin) and compress\$8 modulus)	PGPB, USPT	ADJ			07-04-2009
(scaffold same (silk fibroin)) and (20040224406)	PGPB, USPT	ADJ			07-04-2009
silk same (FIBROIN OR PROTEIN)	PGPB, USPT	ADJ			07-04-2009
(compress\$8 modulus) SAME (silk same (FIBROIN OR PROTEIN))	PGPB, USPT	ADJ			07-04-2009
(20040005363.pn.) AND (silk same (FIBROIN OR PROTEIN))	PGPB, USPT	ADJ			07-04-2009
(20040224406) AND (silk same (FIBROIN OR PROTEIN))	PGPB, USPT	ADJ			07-04-2009
(6110590.pn.) AND (silk same (FIBROIN OR PROTEIN))	PGPB, USPT	ADJ			07-04-2009
(5252285.pn.) AND (silk same (FIBROIN OR PROTEIN))	PGPB, USPT	ADJ			07-04-2009
(5171505.pn.) AND (silk same (FIBROIN OR PROTEIN))	PGPB, USPT	ADJ			07-04-2009
((POROUS OR POR\$7) AND (silk fibroin)) AND (cytokine OR ((gROWTH FACTOR) AND EPIDERMAL OR BIOLOGICAL))	USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
compress\$8 modulus	USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
		ADJ			07-04-2009

silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE)	USOC, EPAB, JPAB, DWPI				
(compress\$8 modulus) AND (silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE))	USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
((Porous OR Por\$7) AND (silk fibroin)) AND (cytokine OR ((gROWTH FACTOR) AND EPIDERMAL OR BIOLOGICAL))) AND (compress\$8 modulus AND silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE))	USOC, EPAB, JPAB, DWPI	ADJ			07-04-2009
WO-0154667-\$.DID.	EPAB, DWPI	ADJ			07-04-2009
WO-0180921-\$.DID.	EPAB, DWPI	ADJ			07-04-2009
(compress\$8 modulus) AND (silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE))	EPAB, DWPI	ADJ			07-04-2009
((Porous OR Por\$7) AND (silk fibroin)) AND (cytokine OR ((gROWTH FACTOR) AND EPIDERMAL OR BIOLOGICAL))	EPAB, DWPI	ADJ			07-04-2009
compress\$8 modulus	EPAB, DWPI	ADJ			07-04-2009
silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE)	EPAB, DWPI	ADJ			07-04-2009
(silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE)) AND (compress\$8 modulus)	EPAB, DWPI	ADJ			07-04-2009
((Porous OR Por\$7) AND (silk fibroin)) AND (cytokine OR ((gROWTH FACTOR) AND EPIDERMAL OR BIOLOGICAL))) AND (silk AND (FIBROIN OR PROTEIN OR PEPTIDE OR POLYPEPTIDE) AND compress\$8 modulus)	EPAB, DWPI	ADJ			07-04-2009